(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification[7]: G06F 9/44

(21) International Application Number:
PCT/GB2003/005267

(22) International Filing Date: 2 December 2003 (02.12.2003)

(25) Filing Language: English

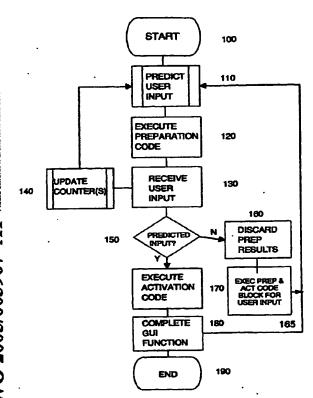(26) Publication Language: English

(30) Priority Data:
0315151.1   28 June 2003 (28.06.2003)   GB

(71) Applicant (for all designated States except US): INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(72) Inventor; and
(75) Inventor/Applicant (for US only): EVANS, David, Edward [GB/GB]; 19 Harthill Close, Kingsmead, Northwich, Cheshire CW9 8UU (GB).

(74) Agent: LITHERLAND, David, Peter; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

(54) Title: PREDICTIVE GRAPHICAL USER INTERFACE WITH SPECULATIVE EXECUTION

(57) Abstract: A method of operating an application program having a graphical user interface (GUI) includes the steps of (i) predicting the next user input to the GUI; (ii) pending receipt of the next user input, executing a preparation portion of GUI code that provides the GUI function required by the predicted user input; (iii) receiving the next user input; and (iv) only when the next user input corresponds to the predicted user input, processing an activation portion of said GUI code to complete the required GUI function.

WO 2005/003967 A1